

1	SUPERIMPOSED UNLIKE CURRENTS	37	..Selective series-parallel connections
2	.AC and DC sources	38	.Selectively connected or controlled load circuits
3	.Different frequencies or phase	39	..Condition responsive
4	.Different voltages	40	..Code-controlled
5	..Series-connected	41	..Sequential or alternating
6	...Plural converters	42	.Circuit arrangements or layouts
7	....Induction transformer	43	PLURAL SUPPLY CIRCUITS OR SOURCES
8	...Plural generators	44	.One source floats across or compensates for other source
9.1	VEHICLE MOUNTED SYSTEMS	45	..With intervening converter
10.1	.Automobile	46	...Storage battery or accumulator-type source
10.2	..Antitheft	47	..Dynamoelectric-type source
10.3	...Ignition or starting circuit lock	48	..Storage battery or accumulator-type source
10.4	....Manual code input (e.g., push button)	49	...With series-connected auxiliary source
10.5	....Coded record input (e.g., IC card)	50	...Tap-changing or variable number of cells
10.6	..Ignition or starter circuits	51	.Circulating- or inter-current control or prevention
10.7	..Battery protection	52	.Load current control
10.8	..Lighting circuits	53	..Load current division
11	PLURAL LOAD CIRCUIT SYSTEMS	54	...Serially connected sources
12	.Common conductor or return type	55	...Fixed or predetermined ratio
13	..Polyphase	56	....Diverse-or unlike-type sources
14	...Phase balancing	57	.....Plural generators
15	..Voltage divider type	58	.....Plural converters
16	..Plural output generators	59	....Peak or excess load
17	.Transformer connections	60	..Constant load or current
18	.Plural sources of supply	61	...Serially connected sources
19	..Interconnected for energy transfer	62	..Load-limiting
20	...With control of magnitude of energy transfer	63	..Serially connected sources
21	...Diverse sources	64	.Substitute or emergency source
22	....AC and DC	65	..Plural substitute sources
23	..Substitute or alternate source	66	..Storage battery or accumulator
24	..With control of magnitude of current or power	67	...With intervening dynamoelectric machine
25	..Diverse sources	68	..Dynamoelectric
26	...AC and DC	69	.Sources distributed along load circuit
27	...Different frequencies	70	.Load transfer without paralleling sources
28	...Different voltages	71	.Series-parallel connection of sources
29	..Selectively connected loads and/or sources	72	.Diverse or unlike electrical characteristics
30	.Anticoupling of load circuits through same source	73	..Differing frequencies
31	.Control of current or power	74	..Differing capacities
32	..Load current proportioning or dividing	75	..Differing voltages
33	..Constant magnitude control		
34	...By control of one or more load circuits		
35	..Limit control		
36	.Serially connected load circuits		

76	...Generator sources	96	INTERMITTENT REGULATORY INTERRUPTION OF SYSTEM
77	.Series-connected sources	97	.Condition responsive
78	..Generator sources	98	COMBINED IMPEDANCE AND SWITCH SYSTEMS
80	.Selective or optional sources	99	.Condition responsive switch
81	..Predetermined sequence	100	SHUNTING OR SHORT CIRCUITING SYSTEMS
82	.Plural converters	101	RESIDUAL OR REMANENT MAGNETISM CONTROL
83	.Plural transformers	102	STABILIZED, ANTI-HUNTING OR ANTIOSCILLATION SYSTEMS
84	.Plural generators	103	WITH LINE DROP COMPENSATION ELECTROMAGNET OR HIGHLY INDUCTIVE SYSTEMS
85	.Connecting or disconnecting	104	WITH HARMONIC FILTER OR NEUTRALIZER
86	..Condition responsive	105	WAVE FORM OR WAVE SHAPE DETERMINATIVE OR PULSE- PRODUCING SYSTEMS
87	...Attainment of voltage, frequency or phase relationship	106	.With rectification or derectification
400	ELECTRETS	107	.With capacitor
401	NONLINEAR REACTOR SYSTEMS (E.G., SATURABLE)	108	CAPACITOR
402	.Parametrons	109	.Parallel-charge, series- discharge (e.g., voltage doublers)
403	..Thin film parametrons	110	NONRESPONSIVE-TO-FREQUENCY-CHANGE SYSTEMS
404	..Using logic circuits	111	WITH NONSWITCHING MEANS RESPONSIVE TO EXTERNAL NONELECTRICAL CONDITION
405	..Using pump energizer	650	.Temperature responsive
406	.Magnetic flip-flops	651	.Responsive to approach or passage of an object
407	.Logic circuits	652	.Flame responsive (e.g., flame acts as a rectifier in circuit)
408	..Multiaperture	653	SWITCHING SYSTEMS
409	..Clocking, delay or transmission line	112	.Plural switches
410	..Nor, Not logic circuit	113	..Lazy-man switch type
411	..Exclusive Or, And logic circuit	114	..Selectively actuated
412	.Driver circuits	115	.Condition responsive
413	.Signal sensor (e.g., current or frequency)	116	..Light, heat, vibratory or radian energy
414	.Magnetic trigger devices	117	..Fluid pressure, density, level, velocity or humidity
415	.Magnetic switching circuits	118	..Mechanical force
416	.Amplifiers using nonlinear reactors (i.e., magnetic amplifiers)	119	...Speed, centrifugal or kinetic force
417	..With transistors	120	....Inertia or acceleration
418	..With feedback		....Direction of rotation
419	.Magnetic pulse generator		
420	..Using multivibrator		
421	..With specified output waveform		
422	.Multiaperture		
423	..Three apertures or ladder		
424	.Parametric frequency converter		
326	PERSONNEL SAFETY OR LIMIT CONTROL FEATURES		
327	.Parasitic current suppression	118	
328	.Interlock	119	
89	ANTI-INDUCTION OR COUPLING TO OTHER SYSTEMS	120	
90	.Inducing current control	121	
91	.Magnetic or electrostatic field control (e.g., shielding)	122	
95	ANTI-ELECTROLYSIS		

123Differential speed between
two bodies
124Torque
125 ...Electrical
126 ...Power or energy
127 ...Polarity, phase sequence or
reverse flow
128 ...AC or DC discriminating
129 ...Frequency
130 ...Voltage
131 ...Current
132 R .Repetitive make and break
132 E ..Electronically controlled relay
132 EA ...Responsive to physical
condition
132 T ..Thermal relay
132 V ..Vibrating relay
132 M ..Miscellaneous
134 .With operation facilitating
feature
135 ..Preliminary reduction in
current or voltage of system
137 ..Switch contact conditioning
138 ...Polarity reversing
139 .Switch actuation
140 ..Power circuit controlled
141 ..With time delay or retardation
means
141.4 ...Electrically initiated
141.8 ...Series connected switches
142 ..With locking, holding or
braking means
143 ..Electrical actuator
144 ..Fluid-pressure actuator
145 **WITH CURRENT COLLECTION OR
TRANSFER**

146 **UNIDIRECTIONAL CONDUCTOR SYSTEMS**

147 **CONDUCTOR ARRANGEMENTS OR
STRUCTURE**

148 .Multipart-conductor current
equalization

149 **MISCELLANEOUS SYSTEMS**

150 .Power packs
151 .Conversion systems
152 .Rate of change responsive
systems
153 .Generator control systems
154 .For particular load device
155 ..Plural diverse load devices
156 ...Structural load device
combinations
157 ..Lamp or discharge device

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

